

Atty. Docket No.: 30014200.1027/P4010NP/ACF

IN THE CLAIMS:

Please substitute claims 1-21 with the following:

1. (Original) In a computer system, a method for providing for concurrent subprocessing of a master process, the method comprising the steps of:

interfacing with a master process when a user-specific operation is encountered;
mapping a user-specific process so that it overlays virtual addresses of the master
process; and

processing the user-specific operation in the user-specific process.

- 2. (Original) The method of claim 1, further comprising the step of: transferring data between the master process and the user-specific process using a communications channel that does not require the serialization of data.
- (Original) The method of claim 1, further comprising the step of: providing an interface for the user-specific process that mirrors an interface for the master process.
- 4. (Currently amended) The method of claim 1 wherein the master process is a global locale process and the user-specific process is a locale-dependent locale-specific process.
- 5. (Original) The method of claim 1 wherein the user-specific process is mapped after the user-specific operation is encountered.
- 6. (Original) The method of claim 1 wherein the user-specific process is mapped before the user-specific operation is encountered.
- 7. (Original) The method of claim 1 further comprising the step of: returning processing to the master process after processing the user-specific operation in the user-specific process.

8. (Currently amended) A computer-readable medium eontaining comprising computer instructions that facilitate concurrent handling of subprocesses in a system that utilizes a global process, wherein the medium comprising instructions, when executed, cause the system to perform the step of:

instructions that, when executed, provide for the mapping of a plurality of concurrent user-specific processes, wherein each user-specific process is mapped to virtual addresses that are equivalent to virtual addresses of the global process.

- 9. (Currently amended) The computer-readable medium of claim 8, wherein the further comprising: instructions that, when executed, provide each of the plurality of concurrent user-specific process processes with an interface that is identical to an interface of the global process.
- 10. (Currently amended) The computer-readable medium of claim 9, wherein the further emprising: instructions that, when executed, cause the system to perform the step of provide for the mapping of a subprocesses within each of the plurality of user-specific processes, the subprocesses being mapped to virtual addresses that are equivalent to virtual addresses for user-specific operations of the global process.
- 11. (Currently amended) The computer-readable medium of claim 10, wherein the further comprising: instructions that, when executed, cause the system to perform the step of returning provide for the return of processing to the global process after execution of the subprocesses is complete.
- 12. (Currently amended) A computer system for enabling concurrent multiple subprocess handling in a global process environment, the system comprising:
 - a global process; and

U.S. Application No.: 09/488,909

a virtual memory separator that maps a <u>user-dependent user-specific</u> process to virtual addresses that mirror virtual addresses of the global process, the <u>user-dependent user-specific</u> process having an interface that mirrors an interface of the global process.

- 13. (Currently amended) The computer system of claim 12 wherein the global process is a global locale process and wherein the user-dependent user-specific process is a locale-dependent locale-specific process.
- 14. (Currently amended) The computer system of claim 12 wherein the global process is a global daemon process and wherein the user-dependent user-specific process is a user-dependent user-specific daemon process.
- 15. (Original) An apparatus for conducting multi-user concurrent handling of subprocesses, the apparatus comprising:

means for interfacing with a master process when a user-specific operation is encountered;

means for mapping a user-specific process so that it overlays virtual addresses of the master process; and

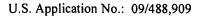
means for processing the user-specific operation in the user-specific process.

16. (Original) The apparatus of claim 15, further comprising:

means for transferring data between the master process and the user-specific process using a communications channel that does not require the serialization of data.

17. (Original) The apparatus of claim 15, further comprising:

means providing an interface for the user-specific process that mirrors an interface for the master process.



Atty. Docket No.: 30014200.1027/P4010NP/ACF

18. (Currently amended) The apparatus of claim 15 wherein the master process is a global locale process and the user-specific process is a locale-dependent locale-specific process.

- 19. (Original) The apparatus of claim 15 wherein the user-specific process is mapped after the user-specific operation is encountered.
- 20. (Original) The apparatus of claim 15 wherein the user-specific process is mapped before the user-specific operation is encountered.
 - 21. (Original) The apparatus of claim 15, further comprising:

means for returning processing to the master process after the user-specific operation is executed in the user-specific process.